

# WORLD AGRICULTURAL PRODUCTION AND TRADE

## Statistical Report

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MARCH 1974

### WORLD SUMMARIES

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FOREIGN AGRICULTURAL SERVICE U.S. DEPARTMENT OF AGRICULTURE



## **COFFEE CROP REDUCED BY POOR WEATHER**

Unfavorable weather has caused reductions for the 1973-74 coffee crop in both Africa and South America. Drought was the problem for Ivory Coast, Kenya, and Ethiopia, while frost damage in July 1972 pulled production down in Brazil. Total world production is now estimated at 64.3 million bags (132.276 pounds each), with an exportable production of 44.7 million bags. Exportable production, as considered in this report, represents total harvested production less domestic consumption in producing countries.

The 1973-74 production estimate is 12.2 million bags below the 1972-73 crop production. This is a decline of 16 percent. Exportable production will be about 22 percent lower than the revised 1972-73 estimate of 57.2 million bags. Stocks will be drawn down by about 10 million bags during 1973-74, but

part of this will be in importing rather than producing countries.

Brazil's 1973-74 crop is down substantially, as the State of Parana was particularly hard hit by frost damage. Leaf rust, which has become increasingly prevalent, is also beginning to have some debilitating effects. Production in El Salvador is estimated at 1.8 million bags, compared with 2.1 million in 1972-73 as there were poor weather conditions at blossom time, especially at the lower altitudes. Colombia, however, is likely to have an alltime record production in 1973-74. The drought in 1973 in Africa hit several major producing areas during the growing season, thereby reducing crops for several countries. Areas affected include both Arabica and Robusta types.

COFFEE, GREEN: TOTAL PRODUCTION IN SPECIFIED COUNTRIES - AVERAGE 1964-65/1968-69, ANNUAL 1969-70/1973-74 <sup>1/</sup>  
IN THOUSANDS OF BAGS <sup>2/</sup>

REGION AND COUNTRY	AVERAGE 1964-65/1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
<b>NORTH AMERICA:</b>						
COSTA RICA.....	1,135	1,400	1,250	1,350	1,335	1,435
CUBA.....	492	500	475	475	425	500
DOMINICAN REPUBLIC.....	594	640	700	715	750	715
EL SALVADOR.....	2,028	2,500	2,170	2,600	2,100	1,800
GUADELOUPE.....	6	1	1	1	1	1
GUATEMALA.....	1,788	1,750	1,840	2,100	2,250	2,200
HAWAII.....	514	465	550	575	525	550
HONDURAS.....	436	550	570	700	850	715
JAMAICA AND DEP.....	21	20	20	24	22	20
MARTINIQUE.....	4	1	1	1	1	1
MEXICO.....	2,810	3,075	3,200	3,400	3,700	3,400
NICARAGUA.....	522	565	650	700	570	650
PANAMA.....	78	83	75	88	82	88
TRINIDAD-TOBAGO.....	61	43	69	49	50	40
US-HAWAII.....	46	28	31	21	22	16
US-PUERTO RICO.....	267	170	240	150	200	190
<b>TOTAL.....</b>	<b>10,801</b>	<b>11,791</b>	<b>11,842</b>	<b>12,949</b>	<b>12,883</b>	<b>12,401</b>
<b>SOUTH AMERICA:</b>						
BOLIVIA.....	100	165	85	85	85	85
BRAZIL.....	21,440	19,000	9,750	23,600	24,000	14,500
COLOMBIA.....	7,860	8,450	7,800	7,200	8,800	9,500
ECUADOR <sup>3/</sup> .....	968	660	1,300	1,100	1,100	1,200
GUYANA.....	17	18	11	10	12	10
PARAGUAY.....	54	50	33	58	50	40
PERU.....	866	940	990	1,030	1,030	1,000
SURINAM.....	8	6	3	3	3	3
VENEZUELA.....	783	900	900	950	1,100	1,150
<b>TOTAL.....</b>	<b>32,097</b>	<b>30,189</b>	<b>20,872</b>	<b>34,036</b>	<b>36,180</b>	<b>27,488</b>
<b>AFRICA:</b>						
ANGOLA.....	3,140	3,300	3,300	3,400	3,750	3,500
BURUNDI.....	246	240	350	400	355	350
CAMEROON.....	1,054	1,200	1,150	1,250	1,440	1,300
CAPE VERDE ISLANDS.....	2	2	1	1	1	1
CENT AFRICAN REP.....	159	200	160	175	180	190
CONGO ISLANDS.....	3	3	3	3	3	3
CONGO, BRAZZAVILLE.....	15	15	15	14	2	2
DAHOMEY.....	22	15	15	15	14	12
EQUATORIAL GUINEA.....	131	120	120	115	115	13
ETHIOPIA.....	1,744	2,000	2,100	2,150	2,300	1,900
GABON.....	17	20	15	10	15	13
GHANA.....	73	95	75	80	80	85
GUINEA.....	156	200	150	100	125	115
IVORY COAST.....	3,605	4,600	4,000	4,475	5,050	3,000
KENYA.....	784	900	1,000	1,000	1,265	1,045
LIBERIA.....	61	75	85	70	85	95
MALAGASY REPUBLIC.....	948	830	1,300	965	1,000	1,000
NIGERIA.....	40	50	90	70	70	70
RWANDA.....	179	145	260	250	225	240
SAO TOME-PRINCIPE.....	6	4	3	2	2	2
SIERRA LEONE.....	92	90	125	95	135	150
TANZANIA.....	786	775	950	850	800	800
TOGO.....	194	220	200	200	200	180
UGANDA.....	2,707	3,350	3,000	2,850	2,850	2,900
ZAIRE (CONGO-K).....	965	1,100	1,350	1,300	1,380	1,320
<b>TOTAL.....</b>	<b>17,131</b>	<b>19,549</b>	<b>19,817</b>	<b>19,839</b>	<b>21,454</b>	<b>18,388</b>
<b>ASIA:</b>						
INDIA.....	1,199	1,150	1,900	1,200	1,580	1,585
INDONESIA.....	2,000	2,200	2,350	2,250	2,700	2,750
MALAYSIA.....	131	63	60	63	65	67
PHILIPPINES.....	725	815	840	835	850	865
PORTUGUESE TIMOR.....	45	50	50	65	65	60
VIETNAM SOUTH.....	55	50	50	50	55	50
YEMEN.....	70	60	60	60	60	60
<b>TOTAL.....</b>	<b>4,225</b>	<b>4,388</b>	<b>5,310</b>	<b>4,523</b>	<b>5,375</b>	<b>5,437</b>
<b>OCEANIA:</b>						
NEW CALEDONIA.....	34	34	18	25	25	25
NEW GUINEA.....	203	408	460	480	525	542
NEW HEBRIDES.....	4	3	2	2	2	2
<b>TOTAL.....</b>	<b>241</b>	<b>445</b>	<b>480</b>	<b>507</b>	<b>552</b>	<b>569</b>
<b>WORLD TOTAL.....</b>	<b>64,494</b>	<b>66,352</b>	<b>58,321</b>	<b>71,854</b>	<b>76,444</b>	<b>64,283</b>

<sup>1/</sup> Coffee marketing year begins about July in some countries and in others about October. <sup>2/</sup> Of 60 kilograms each. <sup>3/</sup> As indicated in footnote 1, the coffee marketing year begins in some countries as early as July. Ecuador is one of these countries. Hence, the crop harvested principally during June-October 1971 in that country is shown as production for the 1971-72 marketing year. In Ecuador, however, this is referred to as the 1970-71 crop.

Note: Production estimates for some countries include cross-border movements.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

COFFEE, GREEN: EXPORTABLE PRODUCTION IN SPECIFIED COUNTRIES - AVERAGE 1964-65/1968-69, ANNUAL 1969-70/1973-74 <sup>1/</sup>  
IN THOUSANDS OF BAGS <sup>2/</sup>

REGION AND COUNTRY	AVERAGE 1964-65/1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
<b>NORTH AMERICA:</b>						
COSTA RICA.....	1,000	1,250	1,095	1,190	1,160	1,240
CUBA.....	---	---	---	---	---	---
DOMINICAN REPUBLIC.....	429	450	505	490	490	430
EL SALVADOR.....	1,893	2,350	2,015	2,440	1,935	1,630
GUADELOUPE.....	1	3/	3/	3/	3/	3/
GUATEMALA.....	1,567	1,510	1,590	1,845	1,990	2,015
HAITI.....	339	260	350	370	325	345
HONDURAS.....	347	445	460	575	720	580
JAMAICA AND DEP.....	8	5	1	2	---	---
MARTINIQUE.....	---	---	---	---	---	---
MEXICO.....	1,520	1,575	1,680	1,835	2,100	1,800
NICARAGUA.....	468	495	570	615	480	555
PANAMA.....	19	18	9	23	20	21
TRINIDAD-TOBAGO.....	49	33	53	27	40	30
US-HAWAII.....	15	---	---	---	---	---
US-PUERTO RICO.....	10	---	---	---	---	---
<b>TOTAL.....</b>	<b>7,664</b>	<b>8,391</b>	<b>8,328</b>	<b>9,412</b>	<b>9,260</b>	<b>8,646</b>
<b>SOUTH AMERICA:</b>						
BOLIVIA.....	38	55	65	65	65	65
BRAZIL.....	13,589	10,250	1,500	14,850	15,000	5,500
COLOMBIA.....	6,624	7,080	6,390	5,750	7,430	8,060
ECUADOR <sup>4/</sup> .....	773	450	1,080	875	860	960
GUYANA.....	2	2	---	---	---	---
PARAGUAY.....	41	25	13	43	35	25
PERU.....	664	720	760	800	800	780
SURINAM.....	3	3	1	1	1	1
VENEZUELA.....	231	285	265	300	430	450
<b>TOTAL.....</b>	<b>21,965</b>	<b>18,870</b>	<b>10,074</b>	<b>22,684</b>	<b>24,621</b>	<b>15,841</b>
<b>AFRICA:</b>						
ANGOLA.....	3,081	3,200	3,200	3,300	3,650	3,440
BURUNDI.....	241	235	345	395	350	345
CAMEROON.....	1,024	1,170	1,125	1,220	1,410	1,270
CAPE VERDE ISLANDS.....	2	1	---	---	---	---
CENT AFRICAN REP.....	154	195	150	165	170	180
COMORO ISLANDS.....	1	1	1	1	1	1
CONGO, BRAZZAVILLE.....	18	14	14	13	13	11
DAHOMEY.....	18	13	14	14	14	12
EQUATORIAL GUINEA.....	121	110	115	110	110	100
ETHIOPIA.....	1,331	1,375	1,450	1,490	1,630	1,220
GABON.....	17	18	14	9	14	12
GHANA.....	60	81	62	67	67	70
IVORY COAST.....	143	190	145	95	120	110
KENYA.....	3,553	4,535	3,950	4,400	4,985	2,935
LIBERIA.....	764	880	988	973	1,240	1,020
MALAGASY REPUBLIC.....	59	70	80	65	80	90
NIGERIA.....	842	710	1,175	835	865	860
RWANDA.....	42	30	65	55	55	55
SAO TOME-PRINCIPE.....	172	135	255	245	220	235
SIERRA LEONE.....	5	2	1	1	1	1
TANZANIA.....	82	85	120	90	130	145
Togo.....	773	760	930	830	780	780
UGANDA.....	189	217	197	197	197	177
UGANDA.....	2,693	3,335	2,985	2,830	2,830	2,880
ZAIRE (CONGO,K).....	915	1,025	1,150	1,200	1,205	1,200
<b>TOTAL.....</b>	<b>16,298</b>	<b>18,387</b>	<b>18,531</b>	<b>18,600</b>	<b>20,197</b>	<b>17,109</b>
<b>ASIA:</b>						
INDIA.....	507	410	1,150	435	820	800
INDONESIA.....	1,588	1,500	1,450	1,320	1,650	1,625
MALAYSIA.....	---	---	---	---	---	---
PHILIPPINES.....	---	---	22	---	---	---
PORTUGUESE TIMOR.....	40	45	40	60	60	55
VIETNAM SOUTH.....	3/	3/	3/	3/	3/	3/
YEMEN.....	61	50	50	50	50	50
<b>TOTAL.....</b>	<b>2,196</b>	<b>2,005</b>	<b>2,712</b>	<b>1,865</b>	<b>2,580</b>	<b>2,530</b>
<b>OCEANIA:</b>						
NEW CALEDONIA.....	28	19	8	15	15	15
NEW GUINEA.....	185	404	456	474	519	535
NEW HEBRIDES.....	4	2	1	1	1	1
<b>TOTAL.....</b>	<b>217</b>	<b>425</b>	<b>465</b>	<b>490</b>	<b>535</b>	<b>551</b>
<b>WORLD TOTAL.....</b>	<b>48,340</b>	<b>48,078</b>	<b>40,110</b>	<b>53,051</b>	<b>57,193</b>	<b>44,677</b>

<sup>1/</sup> Coffee marketing year begins about July in some countries and in others about October. Exportable production represents total harvested production minus estimated domestic consumption. <sup>2/</sup> Of 60 kilograms each. <sup>3/</sup> Negligible. <sup>4/</sup> As indicated in footnote 1, the coffee marketing year begins in some countries as early as July. Ecuador is one of these countries. Hence, the crop harvested principally during June-October 1971 in that country is shown as production for the 1971-72 marketing year. In Ecuador, however, this is referred to as the 1970-71 crop.

Note: Production estimates for some countries include cross-border movements.

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## MAJOR EXPANSION IN 1973 U.S. and WORLD SOYBEAN PRODUCTION

World soybean production in 1973 is now estimated at 57.8 million metric tons (2.1 billion bushels). The 1973 record increase in soybean production of 22 percent or 10.3 million tons (379 million bushels) is nearly six times the annual 1960-72 trendline increase in world soybean output of 1.8 million tons (66 million bushels). World soybean acreage rose by 12.9 million acres in 1973 and totaled 93.3 million acres, reflecting the major expansion of 10.7 million acres in the United States and the gain of 1.7 million acres in Brazil.

The United States accounted for 78 percent of the huge net increase in 1973 world soybean output and Brazil for 11 percent. Last year harvests in the People's Republic of China and the Soviet Union recovered from the reduced volumes of 1972. In addition, several other countries, including Argentina, Mexico, Romania, Paraguay, Colombia, and Thailand continued to expand soybean acreage and production.

Current prospects for U.S. soybean production in 1974 indicate a small decline based on the March 1st planting intentions survey. However, the latest forecast increases in March-June harvested 1974 soybean crops in the Southern Hemisphere, particularly in Brazil, Argentina, and Australia, more than offset the prospective decline in U.S. production. Countries in the Northern Hemisphere, such as Mexico, Japan, South Korea, Spain, Romania, Yugoslavia, Colombia, and Thailand, are also expected to devote larger acreages to soybeans. In addition, the European Community is currently considering plans for supporting soybean cultivation in 1974 by its members countries.

The 1973 soybean crop in the United States is officially estimated at 42.6 million metric tons (1,567 million bushels), 23 percent above the 1972 volume and 33 percent above the 1971 tonnage. U.S. soybean yields in 1973 averaged 27.8 bushels per acre, unchanged from the record high of the previous year. Harvested area reached 56.4 million acres, up 10.7 million acres or 23 percent from 1972.

The March 14 prospective plantings report indicated that as of March 1, U.S. farmers intend to plant 55 million acres to soybean in 1974, 2.3 million acres or 4 percent less than 1973 plantings. Assuming normal abandonment, harvested area would total 54 million acres, and based on a projected yield of 28.5 bushels per acre, U.S. soybean production in 1974 would total 41.9 million metric tons (1,540 million bushels).

Brazil's 1973 soybean crop is estimated at 4.8 million tons, 1.1 million tons or 31 percent above the 1972 outturn. Acreage harvested for soybeans, at 7.5 million acres, rose by 30 percent or 1.8 million acres, and equaled the average annual rate of expansion during the 1967-72 period. Brazil's 1974 soybean crop forecast is now 6.5 million tons, although indications from various trade sources range as high as 7 million tons. Harvested area in 1974 is expected to show a gain of almost 2.9 million acres or 38 percent and total 10.4 million acres.

Argentina's 1973 soybean harvest increased sharply, totaling 272,000 tons against 78,000 tons in 1972 and only 59,000 tons in 1971. Plantings for the 1974 crop were officially reported at 865,000 acres, more than double the previous year's total. Production is forecast at 625,000 metric tons. In Paraguay, 1973 soybean output rose 32 percent to 128,000 tons and a similar increment is expected this year.

The official estimate of the 1973 soybean harvest in the Soviet Union is 423,000 tons, compared with 260,000 tons in 1972 and 535,000 tons in 1971. Harvested area in 1973 was placed at 2.1 million acres, or about unchanged from recent years.

In the People's Republic of China, based on very limited indications of improved growing conditions, the 1973 soybean crop is placed at 6.7 million, 400,000 tons above the below normal output of 1972. Acreage devoted to soybeans in 1973 is believed to have declined by 5 percent, reflecting increased competition from wheat and cotton.

Soybeans: Acreage and production in specified countries and the world  
annual 1968-73 1/

Continent and Country	Acreage 2/						Production					
	1968	1969	1970	1971	1972	1973 3/	1968	1969	1970	1971	1972	1973 3/
	(In 1,000 acres)						(In 1,000 metric tons)					
North America:												
United States 4/.....	41,391	41,337	42,249	42,701	45,698	56,416	30,127	30,839	30,675	32,006	34,581	42,634
(1,000 bushels).....							(1,106,958	1,133,120	1,127,100	1,175,989	1,270,630	1,566,518)
Canada.....	295	322	335	367	405	470	246	209	283	280	375	397
Mexico.....	334	420	346	383	593	756	270	300	260	250	375	510
South America:												
Argentina.....	50	70	64	93	168	419	22	32	27	59	78	272
Brazil.....	1,784	2,239	3,259	4,561	5,770	7,324	654	1,057	1,509	2,077	3,666	4,826
Colombia.....	116	138	143	151	143	156	87	100	95	115	122	132
Paraguay.....	5/ 35	5/ 69	99	133	168	227	34	45	52	75	97	128
Europe:												
Spain.....	--	--	--	5	7	32	--	1	3	2	3	13
Romania.....	121	333	195	362	267	--	47	51	91	165	186	--
Yugoslavia.....	11	11	9	12	9	--	3	5	5	4	6	--
USSR.....	2,110	2,095	2,137	2,145	2,000	2,071	528	434	603	535	260	423
Africa:												
Nigeria 6/.....	135	96	--	--	--	--	7	34	11	1	20	--
Tanzania 7/.....	12	12	12	--	--	--	4	4	4	--	--	--
South Africa 2/ 8/.....	31	33	35	23	30	22	5	7	4	2	3	5
Asia:												
Iran.....	13	11	16	19	18	--	2	4	6	7	10	--
Turkey.....	19	20	27	17	25	--	8	11	12	11	13	11
China:												
People's Republic of.....	19,800	19,800	19,800	20,015	20,756	19,800	6,480	6,200	6,900	6,700	6,300	6,700
Taiwan.....	122	112	106	99	89	--	73	67	65	61	60	62
Thailand.....	12	12	10	--	--	--	4	4	4	4	4	4
Indonesia.....	1,673	1,465	1,715	1,646	1,693	1,726	420	389	498	475	515	531
Japan 5/.....	302	254	236	248	220	217	168	136	126	122	127	118
Korea, South 2/.....	773	754	736	684	702	771	245	229	232	222	224	257
Philippines.....	1	4	4	4	1	--	1	1	1	1	2	--
Thailand.....	5/ 111	5/ 119	5/ 205	5/ 215	215	237	45	61	70	75	83	95
Australia 2/.....	3	6	12	18	44	80	2	2	5	9	28	40
Other countries.....	1,051	1,063	1,127	1,170	1,178	1,422	278	282	275	296	317	333
Total excluding Romania, USSR, Bulgaria, Hungary, People's Republic of China, North Korea and North Vietnam 2/.....	47,278	47,555	49,785	51,570	56,216	69,641	32,424	33,533	33,958	35,093	40,455	50,152
Estimated World total 2/.....	70,308	70,597	72,983	75,193	80,346	93,253	39,740	40,504	41,796	43,558	47,459	57,766
(1,000 bushels).....							(1,460,195	1,488,267	1,535,740	1,600,482	1,743,819	2,122,537)

1/ Years shown refer to years of harvest. Southern Hemisphere crops which are harvested in the early part of the year are combined with those of the Northern Hemisphere harvested the latter part of the same year. 2/ Figures refer to harvested areas as far as possible. 3/ Preliminary. 4/ Acreage harvested for beans. 5/ Planted area. 6/ Quantities purchased by the Nigerian Marketing Boards for export. 7/ Sales. 8/ European farms only. 9/ Includes estimates for the above countries for which data are not available and for minor producing countries.

Foreign Agriculture Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research and related information.

## **WORLD POTATO CROP RECORD HIGH**

World potato production reached a record high of 260,620,000 metric tons in 1973, representing a 13 percent increase over a year earlier.

The largest increase in potato production occurred in the USSR, where, due to favorable weather conditions, the total crop reached a new high of 107,700,000 metric tons representing an increase of 37 percent over 1972 and 41 percent of total world production.

Eastern European production increased by 2,596,000 metric tons, even though the total area under cultivation dropped by 22,000 hectares. Poland remained the dominate producer accounting for 68 percent of the region's total and posting an increase over the previous year by 6 percent.

Western European production increased by 3 percent. West Germany remained the leading producer accounting for 26 percent of the total West European crop; but declining for the fourth straight year and by 9 percent from the 1972 level.

South American production rose by 3 percent with Brazil and Argentina together accounting for over 82 percent of the total Latin American crop.

Although the cultivated area in North America dropped by 4 percent, production increased by 185,000 metric tons with Canada accounting for most of the increase. The 1973 crop in the United States, which represented 84 percent of the North American total, was about equal to a year earlier.

Potatoes: Acreage and production in specified countries,  
annually 1971 - 1973

Continent and Country	ACREAGE			PRODUCTION		
	1971	1972	1973	1971	1972	1973 <sup>1/</sup>
	Hectares	Hectares	Hectares	M. T.	M. T.	M. T.
North America:						
Canada .....	109	99	106	2,056	1,991	2,123
Mexico .....	40	39	40	442	461	450
United States .....	563	507	527	14,486	13,424	13,488
Total .....	712	645	673	16,984	15,876	16,061
Europe						
Austria .....	105	101	92	2,717	2,341	2,329
Belgium-Luxembourg .....	52	39	45	1,687	1,163	1,266
Denmark .....	32	29	29	750	800	730
Finland .....	50	48	46	803	716	715
France 2/ .....	372	337	325	8,994	8,471	7,966
Germany, West .....	554	503	480	15,176	15,038	13,676
Greece .....	50	49	53	727	732	797
Ireland .....	52	44	48	1,446	1,170	1,270
Italy .....	238	209	230	3,268	3,305	3,200
Netherlands .....	154	149	157	5,749	5,581	5,771
Norway .....	31	29	29	708	634	672
Portugal .....	110	112	111	1,124	1,139	1,090
Spain .....	416	379	405	4,857	5,137	5,300
Sweden .....	50	47	44	1,242	1,136	905
Switzerland .....	28	25	24	1,175	1,000	1,025
United Kingdom .....	257	236	225	7,396	6,527	6,492
Total Western Europe .....	2,551	2,336	2,343	57,819	54,890	53,204
Czechoslovakia .....	332	321	305	4,621	5,058	5,015
Germany, East .....	658	646	645	9,512	12,140	11,600
Poland .....	2,669	2,656	2,678	39,801	48,735	51,900
Yugoslavia .....	326	315	317	2,952	2,406	2,974
Other Eastern Europe 3/ .....	448	444	415	5,963	5,403	4,849
Total Europe 4/ .....	6,984	6,718	6,703	120,668	128,632	129,542
U.S.S.R. ....	7,894	7,960	8,017	92,655	78,329	107,700
Asia:						
Japan .....	156	152	150	3,271	3,533	3,300
South America:						
Argentina .....	186	155	124	1,958	1,340	1,535
Brazil .....	208	202	206	1,580	1,720	1,750
Chile .....	80	81	67	836	730	624
Venezuela .....	14	13	13	115	109	108
Total .....	488	451	410	4,489	3,899	4,017
Grand total .....	16,234	15,926	15,953	238,067	230,269	260,620

1/ Preliminary. 2/ Excluding home gardens. 3/ Bulgaria, Romania and Hungary.  
4/ Excluding U.S.S.R.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

## **WORLD SUGAR STOCKS DOWN AGAIN**

Total stocks of sugar in 46 specified countries were slightly lower again at the beginning of the 1973-74 grinding season. This is the third year in a row that this has been the case. Beginning stocks were down in 1973-74 from a year earlier for all regions except Australia. The largest drop was accounted for by South America, mainly due to reduced stocks in Brazil which took advantage of higher prices to move sugar.

The largest stocks were held by France at the beginning of 1973-74, followed by the United States, West Germany, Brazil, and India. France and

West Germany are currently net exporters of sugar, the United States is the largest importer, while Brazil and India are exporters.

Aside from Brazil, the largest decreases in beginning stocks from 1972-73 to 1973-74 were in the United Kingdom, the United States, and Spain. On the other hand, stocks increased somewhat in Australia, Yugoslavia, and Italy. World sugar stocks are expected to be larger at the end of the 1973-74 season because world production will exceed consumption requirements by around 1 million tons during the current year.

CENTRIFUGAL SUGAR (RAW VALUE): STOCKS BEGINNING OF GRINDING SEASON IN 46 COUNTRIES  
SEASON 1969/70 - 1973/74

(In thousands of short tons)

Continent and country	Date 1/	Sugar-making season				
		1969-70	1970-71	1971-72	1972-73	1973-74 2/
North America:						
Canada .....	September 1	254	280	176	225	219
Costa Rica .....	October 1	42	50	30	68	71
El Salvador .....	November 1	50	42	50	23	11
Guatemala .....	November 1	35	35	46	63	65
Mexico .....	November 1	604	348	486	334	448
Nicaragua .....	January 1	5	8	21	33	38
U.S. and insular areas .....	October 1	1,651	1,396	1,450	1,204	1,060
Caribbean:						
Barbados .....	January 1	3	3	1	5	5
Dominican Republic .....	January 1	140	247	224	102	60
Haiti .....	January 1	2	4	1	7	6
Jamaica .....	January 1	32	38	44	32	51
Trinidad and Tobago .....	January 1	3	4	3	2	1
Total .....		2,821	2,455	2,540	2,098	2,035
South America:						
Argentina .....	June 1	292	242	148	32	128
Brazil .....	June 1	1,545	1,351	1,430	1,377	872
Chile .....	April 1	168	190	66	67	69
Colombia .....	May 1	57	38	31	73	33
Ecuador .....	May 1	123	72	71	55	40
Guyana .....	August 1	26	25	26	8	9
Peru .....	January 1	95	69	111	67	66
Uruguay .....	October 1	37	47	51	52	46
Venezuela .....	September 1	124	99	118	87	82
Total .....		2,467	2,133	2,052	1,818	1,345
Europe:						
Austria .....	October 1	43	93	197	82	66
Belgium .....	October 1	87	46	57	61	24
Denmark .....	October 1	63	66	23	37	40
Finland .....	August 1	129	126	0	20	35
France .....	October 1	958	1,391	1,021	1,080	1,078
Germany, West .....	October 1	929	933	861	941	885
Greece .....	July 1	92	104	84	84	83
Ireland .....	October 1	111	103	69	92	103
Italy .....	August 1	240	364	263	287	452
Netherlands .....	October 1	200	169	43	72	120
Spain .....	July 1	253	241	117	273	111
Sweden .....	August 1	208	128	86	160	148
Switzerland .....	October 1	220	166	160	180	173
United Kingdom .....	September 1	533	549	543	841	554
Yugoslavia .....	September 1	492	377	109	101	288
Total .....		4,558	4,856	3,633	4,311	4,160
Africa:						
Egypt, Arab Republic of .....	November 1	30	33	83	48	49
Mauritius .....	June 1	12	16	29	35	75
South Africa, Republic of .....	May 1	61	100	105	233	96
Total .....		103	149	217	316	220
Asia:						
India .....	November 1	1,540	2,465	1,554	659	724
Iran .....	October 1	497	591	550	578	550
Japan .....	October 1	370	362	493	591	487
Philippines .....	October 1	62	231	251	62	121
Thailand .....	November 1	88	135	191	114	168
Turkey .....	August 1	563	330	234	310	239
Total .....		3,120	4,114	3,273	2,314	2,289
Australia .....	June 1	220	370	475	279	474
Total of above .....		13,289	14,077	12,190	11,136	10,523

1/ All stock carryover dates, except for January 1 and April 1, apply to the first year mentioned at the head of each column.  
2/ Preliminary.

Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research and related information.

## RECORD WORLD WHEAT PRODUCTION IN 1973

World wheat production in 1973 totaled a record 367 million metric tons, 10 percent above the 1972 harvest and 17 percent higher than the 1967-71 average. World wheat area gained about 5 percent, at 218 million hectares, and yield rose 5 percent at 16.8 quintals per hectare.

The Canadian wheat crop in 1973, at 17.1 million tons, was 18 percent above that of 1972, principally because of larger area. The United States produced a record 46.6 million-ton crop, up 11 percent. The U.S. area gained 14 percent to 21.8 million hectares. Mexico's wheat crop was 18 percent higher at 2 million tons.

The South American wheat harvest is estimated at 9.2 million tons, 4 percent higher than in 1972. The Argentine crop, is estimated at 6 million tons, down 13 percent. The Argentine area was 22 percent lower because of a wet planting season and a discouraging price situation. Brazil produced 1.85 million tons, its second largest crop.

Western Europe produced 50.3 million tons of wheat in 1973, 2 percent below the 1972 high. The European Community (EC) had a 41.1 million-ton crop, compared with 41.2 million in 1972. Declines

in France and Italy were offset by gains in West Germany and the United Kingdom. Spanish production dropped 14 percent to 3.9 million tons because of dry weather.

The East European wheat crop gained 4 percent to 31.8 million tons. Poland, Czechoslovakia, and Hungary had substantially larger outturns.

The Soviet Union produced a record 109.7 million tons of wheat in 1973, 28 percent above 1972 and 9 percent over the previous record in 1966.

African wheat production was off 7 percent, at 8.7 million tons, because of declines from good yields in North Africa in 1972.

The 1973 wheat harvest in Asia is estimated at 79.4 million tons, down 4 percent. India and Turkey had declines of 1.5 million tons, while Pakistan had nearly a million-ton increase.

Australia's wheat crop is estimated at 11.9 million tons, nearly double that of 1972, as area gained by 15 percent. Wet weather late in the season left Australia with a substantial amount of off-grade wheat.

WHEAT: AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, YEAR OF HARVEST, AVERAGE 1967-71, ANNUAL 1972 AND 1973 1/

CONTINENT AND COUNTRY	AREA 2/			YIELD			PRODUCTION 3/		
	AVE. 1967-71	1972	1973 3/	AVE. 1967-71	1972	1973 3/	AVE. 1967-71	1972	1973 3/
	THOUSAND HA.	THOUSAND HA.	THOUSAND HA.	QU/HA.	QU/HA.	QU/HA.	THOUSAND MT.	THOUSAND MT.	THOUSAND MT.
<b>NORTH AMERICA:</b>									
CANADA .....	9,421	9,040	10,061	16.0	16.8	17.1	15,100	14,514	17,112
GUATEMALA .....	37	45	47	6.8	9.8	9.4	24	44	44
HONDURAS .....	715	688	720	10.0	10.0	10.0	7,100	6,880	7,200
MEXICO .....	20,363	19,139	21,893	20.0	22.0	21.4	40,726	42,306	46,857
UNITED STATES .....	30,537	28,502	32,552	16.9	20.5	20.2	51,630	58,435	65,734
<b>TOTAL</b> .....	<b>61,053</b>	<b>56,414</b>	<b>65,273</b>	<b>16.4</b>	<b>18.7</b>	<b>18.5</b>	<b>116,580</b>	<b>112,199</b>	<b>137,947</b>
<b>SOUTH AMERICA:</b>									
ARGENTINA .....	4,971	4,965	3,850	12.3	13.9	15.6	61,130	69,000	60,000
BRAZIL .....	1,243	1,300	1,020	9.2	4.5	10.2	11,432	11,700	10,600
BOLIVIA .....	75	90	118	7.9	8.7	8.9	60	78	105
CHILE .....	724	534	550	10.6	14.0	14.0	7,672	7,470	7,700
COLOMBIA .....	67	57	50	11.3	11.4	10.0	76	65	50
ECUADOR .....	72	60	47	9.0	8.3	9.1	65	50	43
PARAGUAY .....	30	30	29	10.3	6.3	8.0	30	19	20
PERU .....	143	140	145	9.2	10.0	10.3	132	140	149
URUGUAY .....	354	189	204	10.1	10.1	10.0	358	188	204
VENEZUELA .....	2	1	1	7.5	10.0	10.0	1	1	1
<b>TOTAL</b> .....	<b>7,137</b>	<b>7,262</b>	<b>6,810</b>	<b>12.0</b>	<b>11.7</b>	<b>13.5</b>	<b>81,227</b>	<b>81,966</b>	<b>71,122</b>
<b>EUROPE:</b>									
BELGIUM .....	260	211	201	41.5	44.6	50.0	10,820	9,420	10,050
GERMANY .....	104	135	119	46.4	43.9	43.9	4,804	5,920	5,230
FRANCE .....	3,952	3,958	3,957	36.5	45.8	45.0	14,427	18,123	17,792
GERMANY, WEST .....	1,482	1,066	1,603	40.4	39.4	43.2	5,979	4,160	6,920
IRELAND .....	87	88	90	36.6	35.7	32.5	320	310	290
ITALY .....	4,112	3,804	4,390	23.6	24.8	24.8	9,706	9,441	10,699
LUXEMBOURG .....	14	12	11	30.7	35.8	32.7	42	43	36
NETHERLANDS .....	149	120	138	47.0	43.1	52.5	7,018	5,173	7,225
UNITED KINGDOM .....	970	1,127	1,156	40.8	42.2	43.4	39,527	47,761	50,230
<b>TOTAL EC</b> .....	<b>11,573</b>	<b>11,091</b>	<b>10,811</b>	<b>35.1</b>	<b>37.7</b>	<b>37.4</b>	<b>70,424</b>	<b>81,625</b>	<b>81,112</b>
AUSTRIA .....	201	274	259	35.1	31.5	35.3	7,065	8,663	9,240
FINLAND .....	209	179	188	22.5	25.9	22.2	4,711	4,603	4,170
GREECE .....	971	904	865	18.6	21.2	20.8	18,044	19,119	17,738
MALTA-GOZO .....	1	1	1	15.0	20.0	20.0	1	1	1
NORWAY .....	4	3	5	31.6	40.0	40.0	12	12	20
PORTUGAL .....	599	511	479	10.6	12.0	10.2	6,354	6,132	5,690
SPAIN .....	3,868	3,500	3,151	13.0	12.8	12.4	50,020	45,002	39,715
SWEDEN .....	255	288	304	34.8	42.9	44.2	8,810	12,356	13,565
SWITZERLAND .....	99	89	87	39.1	42.1	37.9	3,925	3,775	3,290
<b>TOTAL WESTERN EUROPE</b> .....	<b>17,970</b>	<b>16,866</b>	<b>16,180</b>	<b>26.9</b>	<b>30.3</b>	<b>31.1</b>	<b>101,767</b>	<b>111,125</b>	<b>108,312</b>
ALBANIA .....	130	135	135	14.7	14.8	14.8	1,940	2,000	2,000
BULGARIA .....	1,620	1,600	1,600	27.9	37.1	37.3	45,000	59,500	59,500
CZECHOSLOVAKIA .....	1,033	1,192	1,235	30.9	33.7	37.7	31,450	40,116	46,050
GERMANY, EAST .....	579	650	703	38.0	39.8	39.5	21,800	25,794	27,765
HUNGARY .....	1,209	1,117	1,100	22.4	31.0	34.6	26,810	35,039	38,450
POLAND .....	1,913	1,940	1,962	24.2	25.1	24.6	46,440	49,147	48,007
ROMANIA .....	4,882	4,522	4,150	18.0	24.0	22.4	87,794	108,047	92,500
YUGOSLAVIA .....	1,434	1,424	1,070	24.3	25.2	27.9	34,861	35,861	29,736
<b>TOTAL EASTERN EUROPE</b> .....	<b>10,453</b>	<b>10,768</b>	<b>10,453</b>	<b>23.9</b>	<b>28.4</b>	<b>30.4</b>	<b>213,933</b>	<b>260,046</b>	<b>231,152</b>
<b>TOTAL EUROPE</b> .....	<b>28,423</b>	<b>27,634</b>	<b>26,633</b>	<b>24.7</b>	<b>29.6</b>	<b>30.8</b>	<b>215,700</b>	<b>271,171</b>	<b>239,464</b>
<b>U.S.S.R. (EUROPE AND ASIA)</b> .....	<b>65,993</b>	<b>59,442</b>	<b>62,122</b>	<b>26.1</b>	<b>15.7</b>	<b>17.4</b>	<b>172,022</b>	<b>92,720</b>	<b>108,484</b>
<b>AFRICA:</b>									
ALGERIA .....	2,209	4,000	2,150	6.2	6.1	5.1	13,570	1,350	1,100
ANGOLA .....	17	13	13	11.2	7.7	7.7	19	10	10
EGYPT .....	952	541	570	26.9	31.0	32.2	25,400	16,760	18,520
ETHIOPIA .....	1,086	1,100	1,110	7.6	7.6	7.7	810	860	850
KENYA .....	152	144	100	13.5	14.4	13.5	205	150	135
LIBYA .....	109	120	110	2.4	6.7	5.5	26	80	60
MOROCCO .....	1,847	2,058	2,187	10.0	11.7	8.7	18,470	24,005	19,407
MOZAMBIQUE .....	10	13	13	9.0	10.0	10.0	9	13	13
NIGERIA .....	2	3	2	20.0	20.0	20.0	4	6	4
RHODESIA .....	11	25	25	32.1	34.0	34.0	35	85	85
SOUTH AFRICA .....	1,739	2,017	2,025	7.7	8.6	8.6	13,330	17,570	17,775
SUDAN .....	100	124	122	11.5	13.3	13.9	110	165	170
TANZANIA .....	34	53	43	12.1	12.3	11.6	48	65	50
TOGO .....	764	1,000	950	5.3	6.0	7.9	40	60	75
ZAMBIA .....	1	3	3	10.0	10.0	10.0	1	3	3
<b>TOTAL</b> .....	<b>6,700</b>	<b>9,224</b>	<b>9,423</b>	<b>8.9</b>	<b>10.0</b>	<b>9.3</b>	<b>71,720</b>	<b>91,255</b>	<b>81,122</b>
<b>ASIA:</b>									
AFGHANISTAN .....	2,800	2,913	3,600	9.0	11.7	12.3	25,500	34,520	43,700
BANGLADESH .....	24	127	141	9.4	7.0	8.3	22	100	160
BURMA .....	84	80	80	5.4	6.3	6.3	45	50	50
CHINA, PEOPLES REP. OF .....	24,440	24,400	25,000	9.7	11.5	11.2	236,000	280,000	280,000
CHINA, REP. OF (TAIWAN) .....	5	1	1	20.0	20.0	20.0	10	2	2
CYPRUS .....	15,732	19,139	19,681	11.5	13.6	12.5	181,102	261,110	244,921
INDIA .....	4,280	4,300	4,300	9.1	9.4	9.3	39,000	40,034	40,000
IRAN .....	1,672	2,100	2,600	5.7	7.4	4.0	1,059	1,600	2,000
ISRAEL .....	105	109	101	16.7	27.6	22.8	170	301	230
JAPAN .....	274	114	75	26.8	24.9	26.9	730	284	242
JORDAN .....	260	274	150	6.3	9.6	4.0	164	260	60
KOREA, NORTH .....	160	160	160	5.5	5.3	5.3	89	85	85
KOREA, REP. OF .....	164	103	70	20.7	23.4	23.1	340	241	162
LEBANON .....	61	64	64	8.6	10.2	4.7	52	67	30
NEPAL .....	159	150	150	13.3	14.0	13.3	211	210	200
RUSSIA, MONGOLIA .....	344	360	360	16.7	7.5	7.9	5,760	2,760	2,760
PAKISTAN .....	6,010	5,749	5,743	10.4	11.9	11.1	62,472	61,990	71,000
SAUDI ARABIA .....	100	100	100	14.6	15.0	15.0	140	150	150
SOUTHERN YEMEN .....	14	14	14	11.0	10.7	10.7	10	15	15
SYRIA .....	839	1,100	850	6.9	10.0	6.5	580	1,100	850
TURKEY .....	8,180	8,100	8,100	10.9	11.7	9.9	89,000	95,000	81,000
<b>TOTAL</b> .....	<b>67,947</b>	<b>67,166</b>	<b>70,565</b>	<b>10.2</b>	<b>11.5</b>	<b>11.2</b>	<b>671,111</b>	<b>821,225</b>	<b>731,154</b>
<b>OCEANIA:</b>									
AUSTRALIA .....	8,606	7,776	8,955	11.5	8.4	13.2	98,559	65,150	118,554
NEW ZEALAND .....	115	128	85	33.0	30.9	33.8	381	395	287
<b>TOTAL</b> .....	<b>8,722</b>	<b>7,904</b>	<b>9,040</b>	<b>11.7</b>	<b>8.7</b>	<b>13.4</b>	<b>102,940</b>	<b>65,545</b>	<b>118,841</b>
<b>WORLD TOTAL</b> .....	<b>215,307</b>	<b>204,066</b>	<b>216,218</b>	<b>14.6</b>	<b>16.0</b>	<b>16.8</b>	<b>214,787</b>	<b>232,705</b>	<b>260,456</b>

1/ Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1973 is combined with estimates for the Southern Hemisphere harvest which begins late in 1973 and ends early in 1974. 2/ Harvested area as far as possible. 3/ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Agricultural Attaches and other foreign source materials.

## **RYE PRODUCTION GAINS SLIGHTLY IN 1973**

The 1973 world rye harvest is estimated at 28.9 million tons, about 2 percent over 1972. World rye area declined 9 percent to 15.5 million hectares, while yield gained 11 percent to 18.6 quintals per hectare.

The United States produced 671, 000 tons of rye in 1973, down 9 percent, with declines in both area and yield. The Canadian harvest gained 6 percent to 363,000 tons.

Western Europe had a 4.6 million-ton rye crop, down 9 percent. The European Community (EC)

harvest at 3.3 million tons was down 400,000. West Germany harvested 2.6 million tons off 350,000 on lower area.

The East European rye harvest was little changed at 11 million tons. The Polish crop gained slightly to 8.3 million tons on a record yield.

The Soviet Union produced 10.7 million tons of rye in 1973, up 1.1 million tons on good yield. Soviet area declined 1.1 million hectares.

RYE: AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES. YEAR OF HARVEST, AVERAGE 1967-71, ANNUAL 1972 AND 1973 1/

CONTINENT AND COUNTRY	AREA 2/			YIELD			PRODUCTION		
	AVE. 1967-71	1972	1973 3/	AVE. 1967-71	1972	1973 3/	AVE. 1967-71	1972	1973 3/
	THOUSAND HA.	THOUSAND HA.	THOUSAND HA.	QU/HA	QU/HA	QU/HA	THOUSAND MT.	THOUSAND MT.	THOUSAND MT.
<b>NORTH AMERICA:</b>									
CANADA .....	351	257	256	12.4	13.4	14.2	436	344	363
UNITED STATES .....	525	447	420	12.8	16.9	16.0	679	751	671
TOTAL .....	876	704	676	12.5	15.6	15.3	1,115	1,095	1,034
<b>SOUTH AMERICA:</b>									
ARGENTINA .....	498	747	750	6.1	9.2	8.7	305	690	650
CHILE .....	9	6	10	12.3	13.3	13.0	11	8	13
ECUADOR .....	4	6	6	4.5	3.3	3.3	2	2	2
TOTAL .....	511	759	766	6.2	9.2	8.7	318	700	665
<b>EUROPE:</b>									
BELGIUM .....	25	41	17	32.9	35.7	34.7	83	75	59
DENMARK .....	40	42	39	32.8	36.9	35.4	131	155	136
FRANCE .....	161	133	127	20.7	26.3	27.2	333	350	346
GERMANY, WEST .....	949	879	769	32.0	33.6	34.0	3,037	2,954	2,612
ITALY .....	38	18	17	18.5	21.1	22.4	70	38	38
LUXEMBOURG .....	2	2	1	33.3	45.0	40.0	6	9	4
NETHERLANDS .....	65	54	31	32.6	28.0	33.9	213	151	103
UNITED KINGDOM .....	4	6	5	29.1	31.7	32.0	13	19	16
TOTAL EC .....	1,285	1,155	1,006	30.2	32.5	33.0	3,886	3,751	3,318
AUSTRIA .....	142	144	135	28.7	27.9	32.5	408	402	439
FINLAND .....	73	59	52	19.0	20.2	22.1	139	119	115
GREECE .....	8	5	5	11.2	14.0	12.0	9	7	6
NORWAY .....	1	1	2	33.3	50.0	35.0	4	5	7
PORTUGAL .....	246	226	196	7.4	7.3	6.3	173	164	124
SPAIN .....	343	278	268	9.0	9.5	9.4	308	263	252
SWEDEN .....	71	106	100	31.2	34.5	33.2	222	366	332
SWITZERLAND .....	13	12	11	41.5	41.7	40.9	54	50	45
TOTAL WESTERN EUROPE ...	2,173	1,986	1,775	24.0	25.8	26.1	5,204	5,127	4,638
ALBANIA .....	20	24	24	7.6	8.3	8.3	15	20	20
BULGARIA .....	24	20	27	11.8	12.0	12.0	28	24	24
CZECHOSLOVAKIA .....	277	232	224	23.2	27.3	30.7	644	633	688
GERMANY, EAST .....	704	685	650	24.7	28.4	26.0	1,741	1,947	1,716
HUNGARY .....	171	119	108	12.1	14.4	16.7	207	171	180
POLAND .....	3,967	3,543	3,416	18.9	23.0	24.2	7,502	8,149	8,264
ROMANIA .....	48	45	45	11.4	11.1	10.0	55	50	45
YUGOSLAVIA .....	123	104	96	11.4	11.5	12.3	141	120	118
TOTAL EASTERN EUROPE ...	5,334	4,772	4,593	19.4	23.3	24.1	10,322	11,114	11,055
TOTAL EUROPE .....	7,507	6,758	6,368	20.7	24.0	24.6	15,526	16,241	15,693
U.S.S.R. (EUROPE AND ASIA) ..	10,690	8,160	7,012	11.9	11.8	15.3	12,702	9,633	10,745
<b>ASIA:</b>									
TURKEY .....	686	625	625	11.5	12.1	11.2	790	755	700
TOTAL .....	686	625	625	11.5	12.1	11.2	790	755	700
<b>OCEANIA:</b>									
AUSTRALIA .....	40	46	47	4.6	4.3	5.3	18	20	25
TOTAL .....	40	46	47	4.6	4.3	5.3	18	20	25
<b>WORLD TOTAL .....</b>	<b>20,309</b>	<b>17,044</b>	<b>15,494</b>	<b>15.1</b>	<b>16.7</b>	<b>18.6</b>	<b>30,696</b>	<b>28,434</b>	<b>28,862</b>

1/ Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1973 is combined with estimates for the Southern Hemisphere harvest which begins late in 1973 and ends early in 1974. 2/ Harvested area as far as possible. 3/ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Agricultural Attaches and other foreign source materials.

## **RECORD BARLEY CROP HARVESTED IN 1973**

World production of barley in 1973 is estimated at a record 155 million tons, 12 percent above 1972 and 26 percent over the 1967-71 average. World barley area continued to increase with a 3 percent gain over 1972 and a 15 percent hike over the 1967-71 average.

Highlighting world barley production is the record USSR crop which, at 55 million tons, was up 49 percent over 1972 and 73 percent above the 1967-71 average.

The United States barley crop at 9.2 million tons was about equal to 1972 and only slightly above the 1967-71 average. The Canadian barley crop of 10.3 million tons, however, was 21 percent above the 1967-71 average but 8 percent below 1972.

Barley production in Europe estimated at 56.3 million tons, registered a 2 percent gain over 1972

but a 19 percent increase over the 1967-71 average. Production in Eastern Europe registered an 8 percent gain while Western Europe increased by only 1 percent over 1972.

The estimated African barley crop of 3.2 million tons is 20 percent below 1972 and 15 percent below the 1967-71 average, primarily because of extremely poor harvest in Morocco.

Barley production in Asia is estimated at 16.7 million tons, 10 percent below the 1972 harvest and the 1967-71 average. Decreased production in the Middle East, India, and South Korea accounted for most of the decline.

Australia's barley production of 2.5 million tons is 45 percent greater than 1972 and 29 percent above the 1967-71 average.

BARLEY : AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES. YEAR OF HARVEST, AVERAGE 1967-71, ANNUAL 1972 AND 1973 <sup>1/</sup>									
CONTINENT AND COUNTRY	AREA <sup>2/</sup>			YIELD			PRODUCTION		
	AVE. 1967-71	1972	1973 <sup>3/</sup>	AVE. 1967-71	1972	1973 <sup>3/</sup>	AVE. 1967-71	1972	1973 <sup>3/</sup>
	THOUSAND HA	THOUSAND HA	THOUSAND HA	QU/HA	QU/HA	QU/HA	THOUSAND MT	THOUSAND MT	THOUSAND MT
NORTH AMERICA:									
CANADA.....	4,088	5,063	4,019	20.9	22.3	21.4	8,535	11,285	10,133
MEXICO.....	230	210	210	9.5	10.0	9.5	225	210	200
UNITED STATES.....	3,917	5,928	4,260	23.4	23.5	21.7	9,173	14,220	9,242
TOTAL.....	8,235	11,191	8,489	21.8	22.5	21.2	17,933	25,715	19,575
SOUTH AMERICA:									
ARGENTINA.....	465	601	624	11.3	14.6	13.1	527	880	820
BRAZIL.....	31	25	25	9.1	10.4	10.4	29	26	26
CHILE.....	50	66	70	20.8	16.7	17.0	117	107	119
COLOMBIA.....	59	71	60	14.6	14.1	12.5	86	100	75
ECUADOR.....	109	100	80	9.7	9.0	8.1	105	90	65
PERU.....	183	163	185	8.9	8.7	8.1	162	160	163
URUGUAY.....	40	31	35	9.0	9.4	9.1	36	29	32
TOTAL.....	944	1,075	1,079	11.2	12.9	12.1	1,062	1,392	1,302
EUROPE:									
BELGIUM.....	155	149	153	37.2	42.0	45.0	575	637	688
DENMARK.....	1,290	1,401	1,413	38.7	39.8	38.0	4,991	5,572	5,451
FRANCE.....	2,816	2,673	2,768	32.3	39.0	38.9	9,104	10,425	10,844
GERMANY, WEST.....	1,401	1,349	1,671	34.9	37.6	38.4	4,885	5,817	6,423
IRELAND.....	203	252	260	37.0	38.9	35.1	751	981	893
ITALY.....	179	100	203	17.1	21.0	22.6	307	390	450
LUXEMBOURG.....	15	17	17	31.6	31.8	32.9	49	54	56
NETHERLANDS.....	103	63	93	37.4	41.0	42.2	387	340	380
UNITED KINGDOM.....	2,337	2,288	2,288	35.8	40.4	39.6	8,447	9,238	8,992
TOTAL WESTERN EUROPE.....	8,517	8,258	8,963	34.6	38.9	38.5	29,455	33,454	34,135
AUSTRIA.....	265	296	299	33.2	33.0	34.1	881	977	1,021
FINLAND.....	378	460	459	22.7	24.5	19.6	850	1,140	897
GREECE.....	350	394	411	19.3	22.2	20.9	666	873	857
HOLLAND.....	1	2	2	14.3	10.0	10.0	2	2	2
NORWAY.....	181	181	182	30.3	28.8	29.4	548	521	535
PORTUGAL.....	116	89	86	6.2	7.0	6.4	72	62	55
SPAIN.....	2,023	2,519	2,773	17.8	17.3	15.9	3,608	4,358	4,408
SWEDEN.....	579	582	636	30.6	32.4	27.4	1,770	1,883	1,744
SWITZERLAND.....	36	39	40	37.7	40.0	42.3	136	156	169
TOTAL WESTERN EUROPE.....	12,454	13,166	13,750	30.6	33.0	31.9	38,052	43,426	43,823
EUROPE (EUROPE AND ASIA):									
ALBANIA.....	4	10	10	10.5	10.0	10.0	4	10	10
BULGARIA.....	408	445	450	25.1	32.0	33.0	1,023	1,423	1,485
CZECHOSLOVAKIA.....	617	850	873	30.3	31.4	34.0	2,336	2,604	2,971
GERMANY, EAST.....	617	618	643	33.5	41.9	40.2	2,065	2,592	2,575
HUNGARY.....	359	291	289	22.7	27.6	30.1	817	802	873
POLAND.....	774	1,016	1,083	25.4	27.1	29.2	1,965	2,750	3,163
ROMANIA.....	295	330	300	20.1	25.7	24.8	595	849	763
YUGOSLAVIA.....	303	290	320	15.7	16.8	20.5	476	487	676
TOTAL EASTERN EUROPE.....	3,533	3,850	3,973	26.1	30.1	31.6	9,204	11,582	12,493
TOTAL EUROPE.....	15,987	17,016	17,723	29.6	32.3	31.8	47,256	55,008	56,316
U.S.S.R. (EUROPE AND ASIA):									
	20,765	27,200	29,387	15.3	13.5	18.7	31,791	36,800	34,981
AFRICA:									
ALGERIA.....	638	600	375	7.2	7.5	7.0	457	450	400
EGYPT.....	51	34	35	20.2	31.5	31.4	103	107	110
ETHIOPIA.....	1,737	1,750	1,760	8.6	8.6	8.5	1,496	1,300	1,500
MOROCCO.....	1,750	1,553	1,502	8.9	10.9	5.7	1,557	1,744	914
SOUTH AFRICA.....	37	38	38	4.1	9.5	7.4	34	30	28
TUNISIA.....	361	350	375	3.4	5.7	6.9	122	200	260
TOTAL.....	4,575	4,385	4,385	8.2	9.2	7.3	3,769	4,337	3,212
ASIA:									
AFGHANISTAN.....	324	320	350	10.7	10.7	10.7	347	375	375
BANGLADESH.....	-	26	26	-	6.2	7.3	-	16	19
CHINA, PEOPLES REP.....	6,382	6,500	6,500	10.1	10.8	10.8	6,444	7,000	7,000
CHINA, REP OF TAIWAN.....	1	1	1	10.0	10.0	10.0	1	1	1
CYPRUS.....	70	80	30	10.6	8.8	5.0	82	70	15
INDIA.....	2,856	2,455	2,406	9.6	10.5	9.7	2,735	2,377	2,327
IRAN.....	1,510	1,400	1,400	7.2	5.7	6.4	1,098	800	900
IRAQ.....	1,066	1,100	1,050	7.9	9.1	6.5	847	1,000	680
ISRAEL.....	28	22	21	9.5	15.0	8.1	27	33	17
JAPAN.....	268	121	80	29.4	26.9	27.0	788	325	210
JORDAN.....	74	84	40	5.0	5.5	3.5	37	46	14
KOREA, REP OF.....	928	675	816	21.3	22.5	21.8	1,978	1,965	1,778
LEBANON.....	15	8	15	7.2	10.0	4.0	11	8	6
PAKISTAN.....	180	157	164	6.2	6.6	6.7	112	103	110
SAUDI ARABIA.....	25	20	20	13.7	13.5	13.5	34	35	35
SYRIA.....	520	600	500	7.3	8.3	7.0	380	500	350
TURKEY.....	2,688	2,530	2,500	13.7	14.7	11.6	3,694	3,725	2,900
TOTAL.....	16,953	16,335	15,925	11.0	11.4	10.5	18,035	18,579	16,743
OCEANIA:									
AUSTRALIA.....	1,691	2,200	1,800	11.3	7.8	13.7	1,919	1,708	2,474
NEW ZEALAND.....	72	74	73	33.8	35.3	33.6	244	261	245
TOTAL.....	1,763	2,274	1,873	12.3	8.7	14.5	2,163	1,969	2,719
WORLD TOTAL.....									
	69,226	77,466	79,681	17.7	17.9	19.5	122,609	138,500	155,048

<sup>1/</sup> Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1973 is combined with estimates for the Southern Hemisphere harvest which begins late in 1973 and ends early in 1974. <sup>2/</sup> Harvested area as far as possible. <sup>3/</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Agricultural Attaches and other foreign source materials.

## **WORLD OAT OUTPUT IN 1973**

The 1973 world oat harvest is estimated at 54 million tons, 5 percent above 1972 but 2 percent below the 1967-71 average. Total world area was up 3 percent over 1972 and about equal to the 1967-71 average.

Oat production in the United States was estimated at 9.6 million tons, 4 percent below the 1972 harvest and 26 percent below the 1967-71 average.

The Canadian crop of 5 million tons was up 9 percent over 1972.

Oat production in Europe was down by 6 percent with production static or declining in most countries. USSR production at 17.5 million tons, however, registered a 24 percent gain over 1972 and a 34 percent increase over the 1967-71 average.

DATA : AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES. YEAR OF HARVEST, AVERAGE 1967-71, ANNUAL 1972 AND 1973 1/									
CONTINENT AND COUNTRY	AREA 2/			YIELD			PRODUCTION		
	AVE. 1967-71	1972	1973 3/	AVE. 1967-71	1972	1973 3/	AVE. 1967-71	1972	1973 3/
	THOUSAND HA	THOUSAND HA	THOUSAND HA	QU/HA	QU/HA	QU/HA	THOUSAND MT	THOUSAND MT	THOUSAND MT
<b>NORTH AMERICA:</b>									
CANADA.....	2,964	2,470	2,711	18.0	18.7	18.6	5,336	4,630	5,041
MEXICO.....	51	65	70	10.0	11.5	11.9	51	75	83
UNITED STATES.....	6,977	5,474	5,710	18.8	18.3	16.9	13,089	10,044	9,636
TOTAL.....	9,992	8,009	8,491	18.5	18.4	17.4	18,476	14,749	14,760
<b>SOUTH AMERICA:</b>									
ARGENTINA.....	389	399	380	12.6	14.2	13.1	488	566	520
BRAZIL.....	30	30	30	8.4	9.0	9.0	25	27	27
CHILE.....	84	76	78	14.0	14.3	14.4	118	109	112
ECUADOR.....	1	1	2	10.0	10.0	10.0	1	1	2
URUGUAY.....	74	65	83	8.2	8.9	8.0	61	58	66
TOTAL.....	578	571	573	12.0	13.3	12.7	693	761	727
<b>EUROPE:</b>									
BELGIUM.....	92	75	68	35.2	36.9	37.4	322	271	254
DENMARK.....	207	163	130	37.4	39.1	35.5	773	637	462
FRANCE.....	1,091	955	884	27.5	32.3	31.9	3,002	3,084	2,817
GERMANY, WEST.....	1,217	1,131	1,137	32.6	34.6	35.4	3,965	3,909	4,030
IRELAND.....	78	52	49	30.9	34.4	34.7	240	179	170
ITALY.....	315	250	238	15.3	17.6	17.6	482	440	419
LUXEMBOURG.....	16	14	14	29.4	30.7	30.7	46	43	43
NETHERLANDS.....	71	33	30	40.8	43.6	44.3	289	144	133
UNITED KINGDOM.....	382	314	281	34.0	40.0	39.4	1,295	1,255	1,106
TOTAL EC.....	3,468	2,987	2,831	30.0	33.4	33.3	10,419	9,268	9,434
AUSTRIA.....	109	96	95	27.6	26.6	30.2	301	255	287
FINLAND.....	498	501	523	23.7	24.9	20.5	1,179	1,245	1,084
GREECE.....	94	76	74	13.0	14.2	13.8	122	108	102
NORWAY.....	60	66	100	31.4	31.5	34.9	189	271	349
PORTUGAL.....	217	168	158	4.7	5.1	4.8	103	85	76
SPAIN.....	482	467	470	10.6	9.4	9.1	511	440	427
SWEDEN.....	491	502	515	31.2	32.5	23.8	1,532	1,630	1,226
SWITZERLAND.....	9	9	10	38.4	41.1	40.0	34	37	40
TOTAL WESTERN EUROPE.....	5,427	4,892	4,781	20.5	28.7	27.2	14,390	14,039	13,025
<b>ALBANIA.....</b>									
BULGARIA.....	24	25	25	6.9	6.8	6.8	17	17	17
CZECHOSLOVAKIA.....	88	70	70	11.9	12.6	12.9	105	88	90
CZECHOSLOVAKIA.....	393	318	278	22.8	22.8	27.2	897	725	756
GERMANY, EAST.....	248	247	210	31.6	36.0	33.5	783	890	704
HUNGARY.....	49	48	37	15.6	12.5	18.1	77	60	67
POLAND.....	1,359	1,359	1,271	21.5	23.6	25.3	3,013	3,212	3,216
ROMANIA.....	130	125	125	10.7	12.8	14.0	138	160	175
YUGOSLAVIA.....	201	256	251	11.3	10.2	11.9	317	260	298
TOTAL EASTERN EUROPE.....	2,612	2,448	2,267	20.5	22.1	23.5	5,347	5,412	5,323
TOTAL EUROPE.....	8,039	7,340	7,048	24.6	26.5	26.0	19,737	19,451	18,348
U.S.S.R. (EUROPE AND ASIA).....	9,175	11,400	11,887	14.2	12.4	14.7	13,029	14,100	17,455
<b>AFRICA:</b>									
ALGERIA.....	44	50	50	8.8	8.0	6.4	38	40	32
MOROCCO.....	20	38	25	9.7	10.3	8.0	19	39	20
SOUTH AFRICA.....	231	200	200	5.5	5.2	4.9	128	104	97
TOTAL.....	294	288	275	6.3	6.4	5.4	186	183	149
<b>ASIA:</b>									
CHINA, PEOPLES REP.....	1,347	1,300	1,300	6.2	6.2	6.9	840	800	900
JAPAN.....	36	25	20	21.5	22.8	20.5	76	57	41
TURKEY.....	347	295	300	12.0	13.4	12.5	453	396	376
TOTAL.....	1,730	1,620	1,620	7.9	7.7	8.1	1,369	1,253	1,317
<b>OCEANIA:</b>									
AUSTRALIA.....	1,421	1,007	1,300	9.2	7.3	9.1	1,313	740	1,182
NEW ZEALAND.....	18	17	17	29.8	28.8	28.2	53	49	48
TOTAL.....	1,439	1,024	1,317	9.5	7.7	9.3	1,366	789	1,230
WORLD TOTAL.....	31,246	30,252	31,211	17.6	17.0	17.3	54,855	51,286	53,986

1/ Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1973 is combined with estimates for the Southern Hemisphere harvest which begins late in 1973 and ends early in 1974. 2/ Harvested area as far as possible. 3/ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Agricultural Attaches and other foreign source materials.

## **CORN PRODUCTION AT RECORD LEVEL**

World corn production in 1973 is estimated at the record level of 312.6 million metric tons. This is 9 percent above the 1972 harvest and 7 percent over the previous record of 293 million tons in 1971. Both expanded acreage and improved yields helped to produce the record world crop. World corn acreage, estimated at 114 million hectares, was 6 percent over 1972 and 2 percent above the 1971 high. The world average yield increased slightly more than 2 percent over 1972 to 27.4 quintals per hectare.

The United States harvest at 143.3 million tons was 1 percent above 1972 and slightly above the record crop of 1971. Corn production in the European Community is estimated at 16.3 million tons, a 20 percent increase over 1972. The French crop, at 10.7 million tons, exceeded 1972 by 30 percent

and the 1971 high by 22 percent. Production in East European countries, at 27.7 million tons, increased by 3 percent over 1972 with area up by 4 percent. The USSR harvest of 13.4 million tons was 37 percent greater than 1972.

The most dramatic increase occurred in Africa with a total of 23.8 million tons, a 45 percent increase over 1972. Highlighting the African production estimate is the expectation of a record 11 million ton harvest from South Africa, 161 percent greater than the poor 1972 harvest and 13 percent above the previous high.

The corn harvest in Asia is estimated at 41.3 million tons, 14 percent above 1972. The People's Republic of China, Indonesia, and Thailand all registered substantial increases.

CORN

1 AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, YEAR OF HARVEST, AVERAGE 1967-71, ANNUAL 1972 AND 1973 1/

CONTINENT AND COUNTRY	AREA 2/		1973 1/	YIELD			PRODUCTION		
	Ave. 1967-71	1972		Ave. 1967-71	1972	1973 1/	Ave. 1967-71	1972	1973 1/
	THOUSAND HA	THOUSAND HA	THOUSAND HA	QU/HA	QU/HA	QU/HA	THOUSAND MT	THOUSAND MT	THOUSAND MT
<b>NORTH AMERICA:</b>									
CANADA	439	527	520	51.9	47.1	53.2	2,276	2,546	2,767
COSTA RICA	61	46	47	10.5	13.3	11.1	64	52	52
CUBA	159	160	160	7.4	7.8	7.6	117	123	125
DOMINICAN REPUBLIC	24	20	18	16.9	20.0	25.0	43	40	40
EL SALVADOR	200	205	210	16.8	11.4	20.7	296	233	435
GUATEMALA	815	832	870	9.0	8.0	8.7	734	666	760
HONDURAS	265	290	300	14.2	10.0	11.2	383	290	336
JAMAICA AND DEP.	4	6	6	9.5	8.3	8.3	4	5	5
MEXICO	7,670	7,500	8,000	10.7	10.8	11.5	8,200	8,100	9,200
NICARAGUA	236	211	222	8.9	6.1	5.1	211	125	201
PANAMA	89	66	67	8.3	6.7	6.5	74	44	57
TRINIDAD-TOBAGO	2	2	2	15.0	15.0	15.0	3	3	3
UNITED STATES	23,687	23,428	26,994	51.0	60.9	57.4	120,858	142,588	143,344
TOTAL	33,670	33,115	35,414	39.8	45.4	44.4	133,429	152,395	157,125
<b>SOUTH AMERICA:</b>									
ARGENTINA	3,715	3,565	3,833	20.8	25.2	25.0	7,714	9,000	9,600
BRAZIL	10,037	11,000	11,500	13.3	12.5	13.2	13,351	13,900	15,200
CHILE	216	225	225	13.1	13.2	13.2	286	300	296
COLOMBIA	76	86	90	30.9	34.2	34.0	236	294	306
ECUADOR	762	625	670	10.6	10.0	10.0	808	625	670
GUAYANA	216	235	235	9.5	10.2	9.1	205	240	215
PERU	174	212	250	11.4	12.0	12.0	200	250	300
URUGUAY	375	350	314	16.4	16.8	19.1	616	589	600
VENEZUELA	176	226	189	7.3	10.1	10.0	129	228	189
TOTAL	612	465	575	11.1	10.9	10.6	176	506	550
TOTAL SOUTH AMERICA	16,381	16,909	17,001	14.8	15.2	15.1	24,243	25,812	27,926
<b>EUROPE:</b>									
FRANCE	1,277	1,077	1,952	49.6	43.6	54.7	6,337	4,671	10,671
GERMANY, WEST	79	116	106	46.6	46.4	52.5	365	547	556
ITALY	989	931	902	43.0	53.7	56.0	4,330	4,789	5,052
NETHERLANDS	1	1	1	55.0	33.3	25.0	2	10	10
UNITED KINGDOM	2,346	2,391	2,365	47.1	46.8	46.0	11,125	13,516	16,293
TOTAL EC	100	133	135	54.4	54.6	65.9	449	726	955
AUSTRIA	149	165	166	30.6	37.3	39.2	451	615	650
GREECE	421	390	354	13.2	13.3	13.0	557	519	531
PORTUGAL	484	533	510	33.3	36.0	38.0	1,611	1,921	2,054
SPAIN	6	16	20	60.5	48.0	66.0	42	72	122
SWITZERLAND	3,507	4,127	4,180	40.7	42.1	49.3	14,210	17,383	20,615
TOTAL WESTERN EUROPE	163	165	165	14.8	15.2	15.2	241	250	250
ALBANIA	590	740	740	36.9	39.5	39.1	2,120	2,920	2,890
BULGARIA	137	144	163	35.1	44.5	43.9	481	641	715
CZECHOSLOVAKIA	2	23	25	38.3	36.4	6	8	96	96
GERMANY, EAST	1,252	1,392	1,424	33.2	39.7	40.0	4,157	5,531	5,888
HUNGARY	5	4	5	24.2	25.0	30.0	13	10	15
POLAND	3,215	3,204	3,500	22.4	29.1	27.5	7,203	9,546	9,629
ROMANIA	2,428	2,383	2,218	27.8	33.3	34.7	6,741	7,500	7,256
YUGOSLAVIA	7,003	6,115	6,158	27.8	33.2	32.8	21,551	24,916	27,733
TOTAL EASTERN EUROPE	11,367	12,242	12,628	31.7	36.2	36.3	35,624	44,401	48,350
TOTAL EUROPE	3,537	4,012	4,031	27.1	24.5	31.3	9,594	9,810	13,440
<b>U.S.S.R. (EUROPE AND ASIA):</b>									
<b>AFRICA:</b>									
ALGERIA	5	6	4	10.0	10.0	10.0	5	6	4
ANGOLA	530	530	530	4.6	8.5	6.5	468	450	450
BURUNDI	162	190	171	10.6	10.4	17.1	200	184	184
CAMEROON	353	355	405	11.2	10.4	10.3	397	350	314
CHAD	351	310	310	6.6	6.1	6.1	232	190	190
EGYPT	630	660	660	36.4	36.6	37.9	2,314	2,417	2,560
ETHIOPIA	851	901	905	10.7	11.1	11.0	1,004	1,000	1,000
GHANA	321	309	309	10.9	10.3	11.2	351	402	442
GUINEA	316	359	340	7.6	9.1	8.2	240	304	280
KENYA	1,079	1,285	1,100	12.7	13.2	13.0	1,374	1,700	1,430
MALAGASY REPUBLIC	125	110	115	10.3	9.9	12.8	106	114	114
MALI	1,046	900	1,000	12.4	10.0	10.9	1,088	900	1,090
MOROCCO	470	451	462	6.4	6.5	6.8	300	292	221
MURITANIA	648	600	600	7.0	5.9	7.4	451	400	500
NIGERIA	1,171	1,366	1,376	9.7	8.9	11.3	1,219	1,372	1,372
RUSSIA	422	400	400	15.4	15.4	25.0	1,070	617	1,125
SENEGAL	92	40	30	7.6	7.5	6.4	40	30	32
SOUTH AFRICA	5,022	5,011	5,000	13.7	11.7	20.0	6,870	4,211	11,000
TANZANIA	1,034	1,000	902	5.7	6.0	5.5	596	600	540
UGANDA	279	300	280	11.3	12.5	11.7	314	375	324
ZAMBIA	182	180	170	22.7	17.5	21.2	413	315	360
ZAIRE (CONGO, K.)	337	350	350	10.2	10.6	10.6	344	350	370
TOTAL	15,399	14,311	16,343	12.5	11.5	14.0	19,215	16,435	23,445
<b>ASIA:</b>									
AFGHANISTAN	450	460	460	16.1	14.8	15.2	733	680	700
BURMA	144	130	130	4.6	7.7	7.7	69	100	100
CHINA, PEOPLES REP.	13,150	13,000	13,400	16.9	16.9	16.7	24,584	22,000	25,000
CHINA, REP. OF (TAIWAN)	22	23	33	25.1	26.1	30.0	55	60	99
INDIA	5,730	5,725	5,600	10.5	10.8	10.4	6,046	6,206	6,300
INDONESIA	2,811	2,254	2,150	9.6	8.9	9.4	2,704	2,016	2,594
IRAN	25	27	27	13.6	14.8	14.8	34	40	40
ISRAEL	1	2	1	44.0	50.0	60.0	4	10	8
JAPAN	10	9	7	27.9	26.7	27.1	44	24	19
KHMER REP. (CAMBODIA)	99	100	100	13.2	12.0	12.0	130	120	120
KOREA, REP. OF	45	36	34	14.1	15.0	15.0	62	54	61
LEBANON	3	3	3	22.4	20.0	23.3	4	6	7
PAKISTAN	631	645	608	10.9	11.1	11.1	689	715	679
PHILIPPINES	2,350	2,425	2,425	6.0	7.0	6.3	1,876	1,831	2,200
THAILAND	727	591	650	24.1	13.2	27.6	1,750	1,320	2,350
TURKEY	654	617	660	16.1	16.7	15.8	1,051	1,030	1,040
VIETNAM, SOUTH	29	29	29	11.0	10.7	10.7	32	21	31
TOTAL	26,899	26,284	27,537	15.0	13.7	15.0	49,479	46,456	51,256
<b>OCEANIA:</b>									
AUSTRALIA	70	64	75	24.2	29.4	26.0	190	144	195
NEW ZEALAND	9	18	18	12.7	24.4	26.3	63	119	127
TOTAL	87	80	91	29.2	28.4	26.3	253	307	317
<b>WORLD TOTAL</b>	<b>107,281</b>	<b>107,133</b>	<b>113,925</b>	<b>24.5</b>	<b>26.8</b>	<b>27.4</b>	<b>262,643</b>	<b>286,747</b>	<b>312,550</b>

1/ Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1973 is combined with estimates for the Southern Hemisphere harvest which begins late in 1972 and ends early in 1974. 2/ Harvested area as far as possible. 3/ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Agricultural Attaches and other foreign source materials.

## SMALLER WORLD ALMOND CROP

Extremely cold spring weather in the world's major almond producing areas has severely reduced the 1973 almond crop. Current estimates place the 1973 crop at 145,600 short tons (kernel weight basis), well below last year's harvest of 164,000 tons. Demand for almonds continues to exceed supply, thus creating upward pressure on world prices. Uncommitted carryin stock (from the 1972 crop) was nearly nonexistent, with sellers holding for the highest possible price. Buyers faced the second consecutive year of tight supplies. Although prices had receded slightly by midyear (1973-74 marketing year), they are still about 57 percent above the same period last year.

Foreign 1973 production is estimated at 71,000 tons, approximately 24 percent below last year. Cold weather and unusually late snowfall were recorded in Iran, Italy, and Spain, severely curtailing the crops' potential. Iranian production is placed at 8,000 short tons, a 20 percent reduction from last year's harvest of 10,000 short tons. In Italy production is estimated at 8,000 tons, the smallest crop recorded since World War II. This is Italy's third consecutive below-average harvest. Spanish production is now set at 41,000 tons, down 26 percent from last year's record harvest of 55,000 tons.

Conversely, both Morocco and Portugal reported favorable weather conditions and increased harvests. Morocco's crop is estimated at 6,000 tons, about 9 percent less than its record crop in 1965, but 20 percent above last year's production of 5,000 tons. Portuguese production is estimated at 8,000 tons versus 6,000 in 1972.

The unofficial estimate places the 1973 U.S. commercial crop at 74,600 tons (kernel weight basis), up 5 percent from last year.

With Spain the only producer with sizable sold stocks, the market has moved to record heights. Spanish unselected Valencias were quoted at \$1.72 per pound (f.o.b. Spanish port) in January 1974, as compared to \$1.00 (f.o.b.) in January 1973. In February, Bari shelled unselected was quoted at \$1.66 per pound (f.o.b. Italian port) opposed to \$1.06 one year ago, while P. G. unselected stood at \$1.65 as compared to \$1.17 a year ago.

Exports from the six principal producing countries (Iran, Italy, Morocco, Portugal, Spain, and the United States) during the 1972-73 season placed at 84,900 tons, slightly below the 1971 record level of 89,000. Exports for the 1973 season are forecast at 80,000 tons, down 6 percent from the 1972-73 level.

For the 1972-73 season, U.S. exports totaled 27,400 tons, down 12,000 tons from a year earlier. U.S. exports for 1973-74 are forecast at 30,000 tons, nearly 10 percent above last year. These statistics only include the almonds reported by the Bureau of the Census in the "Almonds Shelled" and "Almonds, Not Shelled" categories. It is apparent that a large and increasing volume of almonds is being exported as blanched, roasted, salted, or in mixes and is reported along with other nut products in a basket category.

ALMONDS, SHELLLED BASIS: Exports from selected countries,  
1969-73, marketing years 1/  
(In thousands of short tons)

Country	1969	1970	1971	1972 <u>2/</u>	1973 <u>3/</u>
Iran .....	4.7	6.3	6.0	5.5	6.0
Italy .....	19.2	19.5	14.5	10.6	3.0
Morocco .....	2.2	2.2	1.7	3.4	5.0
Portugal .....	1.9	3.1	5.7	6.0	7.0
Spain .....	12.6	19.4	21.7	32.0	27.0
Foreign total .....	40.6	50.5	49.6	57.5	48.0
United States .....	28.2	28.6	39.4	27.4	30.0
Total .....	68.8	79.1	89.0	84.9	80.0

1/ Iran--year beginning September 23; Morocco--year beginning July 1; Spain, Portugal, and Italy--year beginning September 1; U.S.--year beginning August 1.

2/ Revised

3/ Forecast

ALMONDS, SHELLLED, UNSELECTED: Monthly average prices f.o.b.  
Bari, Italy, marketing seasons 1968-73  
(In U.S. cents per pound)

Month	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
August .....	62.3	86.8	87.6	97.5	107.6	177.0
September .....	60.9	98.0	77.6	93.8	105.7	181.3
October .....	61.9	99.2	74.0	93.9	102.6	176.4
November .....	64.2	97.1	73.4	89.9	101.7	170.1
December .....	64.8	97.2	70.8	90.9	102.1	172.9
January .....	65.6	97.0	69.4	96.8	104.1	169.4
February .....	66.0	91.0	69.1	96.3	105.7	165.9
March .....	65.8	88.2	72.9	95.4	118.3	
April .....	68.5	83.6	73.1	97.9	142.4	
May .....	77.2	82.7	80.8	102.0	167.3	
June .....	77.6	89.9	79.1	107.9	173.5	
July .....	79.6	88.7	85.2	107.8	176.0	

ALMONDS, SHELLLED: Commercial production in specified countries,  
Average 1962-66, Annual 1970-73  
(In thousands of short tons)

Region and Country	Average 1962-66	1970	1971	1972	1973
Foreign:					
Iran .....	5.6	11.0	8.0	10.0	8.0
Italy .....	35.7	37.0	18.0	17.0	8.0
Morocco .....	4.2	3.0	3.0	5.0	6.0
Portugal .....	3.2	5.5	7.0	6.0	8.0
Spain .....	31.4	35.0	36.0	55.0	41.0
Total .....	80.1	91.5	72.0	93.0	71.0
United States <sup>2/</sup> .....	37.7	70.9	77.0	71.0	74.0
World total .....	117.8	162.4	149.0	164.0	145.0

<sup>1/</sup> Revised

<sup>2/</sup> SOURCE: Almond Control Board.

## **LARGER DRIED PRUNE CROP**

A record U.S. dried prune crop lifted world production to 245,000 short tons, 82 percent above the short 1972 level of 134,900 tons and 12 percent above the 1967-71 average. U.S. prune production totaled 205,500 tons and foreign production 39,500 tons.

A sharply smaller 1973 Yugoslav dried prune pack cut foreign prune production to 39,500 tons, the smallest total since 1965. Current reports indicate weather conditions reduced the total Yugoslav fresh prune crop by about 37 percent. Dried prune production totaled 6,000 tons, only a fraction of the 1972 crop of 29,300 tons. Favorable weather conditions contributed to a record French prune crop of 23,000 tons, 67 percent above 1972 and 31 percent above the 1971 record crop of 17,600 tons. French quality is considered good. Southern Hemisphere production totaled 10,500 tons. U.S. production totaled 205,500 tons, over twice the short 1972 crop and 2 percent above the 1970 record of 201,100 tons.

The United States is the major commercial supplier in the export market. U.S. exports totaled

34,600 tons during 1972-73, 59 percent of known export supplies. Current reports show U.S. 1973-74 season exports of 39,400 tons through January 1974, approximately double the same period a year ago. Forecasts indicate 1973-74 exports will exceed 50,000 tons, the highest level since 1965. Italy, West Germany, France, the United Kingdom, and Canada are the leading U.S. export markets this season. Total 1973-74 exports by foreign producers are forecast at 10,400 tons, less than one-half last year's level of 24,300 tons. Yugoslavia, the major foreign supplier, is down sharply due to a small crop. Yugoslav exports are estimated at 6,000 tons. Nearly all are expected to go to Eastern Europe under existing bilateral trade agreements, compared with 44 percent traded under these agreements last year. French exports are forecast at 1,300 tons and Southern Hemisphere exports at 3,100 tons.

None of the above statistics include Bulgaria and Romania, substantial producers for which information is not readily available.

PRUNES, DRIED: Commercial production in selected countries,  
annual 1970-73  
(In thousands of short tons)

Country	1970	1971	1972	1973 <u>1/</u>
Argentina .....	6.8	6.3	3.9	.8
Australia .....	5.0	4.8	2.9	3.5
Chile .....	5.2	5.3	5.4	5.2
France .....	15.4	17.6	13.8	23.0
South Africa, Rep. of .....	1.9	1.9	2.0	1.0
Yugoslavia .....	29.0	18.4	29.3	6.0
Foreign total .....	63.3	54.3	57.3	39.5
United States .....	201.1	132.6	77.6	205.5
Grand total .....	264.4	186.9	134.9	245.0

1/ Revised

PRUNES, DRIED: Exports from principal producing countries,  
marketing years 1/ 1970-73  
(In thousands of short tons)

Country	1970	1971	1972 <u>2/</u>	1973 <u>3/</u>
Argentina .....	4.7	3.2	2.9	.7
Australia .....	1.4	1.6	1.5	.6
Chile .....	2.4	2.5	2.3	1.8
France .....	.6	1.3	1.1	1.3
Yugoslavia .....	25.7	14.7	16.5	6.0
Foreign total .....	34.8	23.3	24.3	10.4
United States .....	37.2	45.3	34.6	--
Grand total .....	72.0	68.6	58.9	--

1/ Year beginning January 1 in Argentina, Australia and Chile; October 1 in France; September 1 in the United States and October 1 in Yugoslavia.

2/ Revised

3/ Forecast

## RECORD WORLD WALNUT HARVEST

With a record crop in the U.S. and the best crop in France for 10 years, and with other producers having at least average crops, 1973 world commercial production of walnuts is placed at a record 251,200 short tons (inshell basis), 29 percent above last year's harvest of 194,300 tons. Since production and trade data are unavailable for the People's Republic of China this report does not attempt to include them.

Foreign walnut production is estimated at 82,300 tons, up 6 percent from a year earlier. Both France and Italy reported that excellent weather conditions contributed to larger 1973 crops. French production is placed at 32,000 tons, up 7 percent from 1972, and their largest since 1966. The Italian harvest is estimated at 23,000 tons, approximately 35 percent above the 1972 level. Both countries reported quality as excellent. French sizes were larger than normal, while a scarcity of large sized nuts was reported in Italy.

Conversely, in India and Turkey less favorable weather reduced production. Indian production is estimated at 13,000 tons, some 13 percent below 1972. Excessive rains and flooding in India's major walnut producing areas (Jammu and Kishmir) had a moderate effect on production. Turkish production totaled 11,000 tons.

U.S. 1973 production is officially estimated at 168,900 tons, versus 116,800 tons in 1972. The crop was reported in good condition with very little sunburn, blight, or insect damage. The nuts were generally larger than average.

Exports by foreign producers for 1972-73 are placed at 31,300 tons, (inshell basis), slightly above the 1971-72 level of 30,600. Exports for the 1973-74 season are forecast at 36,000 tons, 15 percent above 1972-73. Exports from the United States for 1972-73 amounted to 16,700 tons, down from the 18,800 level of 1971-72. However, the 1973-74 forecast placed U.S. exports at a record 23,000 tons, about 38 percent above 1972-73. The United States for the third year in a row is the largest exporter followed by France, Turkey, India, and Italy. West Germany was the largest export market for the United States and France. With the exception of Chinese prices, foreign walnut prices (landed, duty paid London) have taken a downward trend as compared to a year ago. For example, French Bordeaux extra halves were quoted at \$1.67 a pound in February 1974, down 36 percent from a year ago. The February quotation for Turkish light halves was \$1.29, compared to \$1.59 last year. Chinese light halves were quoted at \$1.11 in February, compared to \$1.07 a year ago.

WALNUTS, INSHELL: Production in specified countries  
annual 1969-73  
(In thousands of short tons)

Country	1969	1970	1971	1972	1973 <sup>1/</sup>
FOREIGN:					
France .....	25.0	30.0	18.0	30.0	32.0
India .....	11.0	15.5	12.0	15.0	13.0
Iran .....	5.5	4.5	4.0	3.5	3.3
Italy .....	20.0	22.0	23.0	17.0	23.0
Turkey .....	10.0	11.0	9.0	12.0	11.0
Total Foreign .....	71.5	83.0	66.0	77.5	82.3
United States .....	105.5	111.8	136.4	116.8	168.9
Total world .....	177.0	194.8	202.4	194.3	251.2

<sup>1/</sup> Revised

WALNUTS, INSHELL BASIS: Export from selected countries,  
1969-73 marketing years <sup>1/</sup> <sup>2/</sup>  
(In thousands of short tons)

Country	1969-70	1970-71	1971-72	1972-73	1973-74 <sup>3/</sup>
FOREIGN:					
France .....	12.0	14.5	9.2	11.0	12.0
India .....	4.9	6.0	5.6	7.7	7.0
Iran .....	0.7	0.5	0.7	0.6	1.0
Italy .....	7.7	8.1	10.4	3.5	7.0
Turkey .....	6.0	5.1	4.7	8.5	9.0
Total Foreign ....	31.3	34.2	30.6	31.3	36.0
United States .....	7.1	10.4	18.8	16.7	23.0
Grand total .....	38.4	44.6	49.4	48.0	59.0

<sup>1/</sup> Marketing year beginning October 1 in France, Italy, Turkey, and the United States, and September 23 in Iran.

<sup>2/</sup> Totals may not equal sum of parts due to rounding

<sup>3/</sup> Forecast

WALNUTS SHELLLED: Prices, landed, duty paid London,  
February average, 1971 to date  
(In U.S. cents per pound)

Item	1971	1972	1973	1974
France:				
Bordeaux extra .....	119.7	230.0	264.1	167.1
Turkey:				
Light halves .....	82.4	146.6	158.6	128.7 <u>1/</u>
China:				
Light halves .....	---	90.0	107.4 <u>1/</u>	111.2 <u>2/</u>

1/ Spot

2/ c.i.f.

## SECOND LARGEST WORLD FILBERT HARVEST

In the three principal foreign producing countries (Italy, Spain, and Turkey), 1973 filbert production is estimated at 379,000 short tons, (inshell basis), second only to the 1970 record crop of 398,000 tons but well above the 1972 harvest of 314,000 tons. U.S. production is placed at 12,000 tons, 20 percent above the 1972 level. Despite a large carryover (into 1973-74), prices remain firm in reaction to the relative shortages of other edible tree nuts (particularly almonds and cashews). Estimates place 1972-73 exports at 277,000 tons, about 13 percent above 1971-72 level. Filbert exports are forecast at 293,000 tons for 1973-74, up 6 percent from the previous year.

Unlike Italy's 1973 almond crop, which was severely damaged by adverse weather, the 1973 filbert crop suffered little weather damage. Current estimates place the 1973 Italian crop at 97,000 tons, up 17 percent from the 1972 crop. Spanish production is placed at 18,000 tons, down 14 percent from the 1972 crop of 21,000 tons, while Turkish production is set at 264,000 tons, up 26 percent from the year before. This year's crop represents Turkey's second largest, trailing only the record 1970 harvest of 265,000 tons. U.S. production climbed to 12,000 tons, up 20 percent from the 1972 level of 10,200 tons.

Overseas deliveries in 1972-73 by the three major exporters amounted to 277,000 tons, compared to 245,700 tons in the year before. Exports for 1973-74 are forecast at 293,000 tons, up 6 percent from the previous marketing year. Assuming this forecast holds, it would represent the fourth consecutive record level of exports. Italian shipments are forecast at 64,000 tons, compared to 56,000 tons in 1972-73 and 69,100 tons in 1971-72. Turkish exports are projected at 22,000 tons, up 8 percent from the 1972-73 year, while 1973-74 Spanish shipments are forecast at 9,000 tons, down 47 percent from the previous 2 marketing years. The United States exports very few filberts.

U.S. imports of shelled filberts in 1973 totaled 10,166 tons, nearly double the 5,560 tons bought in 1972. Nearly all came from Turkey in both years.

Prices have risen slightly in recent months, reacting to the relative shortages of other edible nuts. In mid-March 1974, Italian inshell Avellinos were selling for 35 cents per pound (f.o.b. Italian port), compared to 28 cents a year ago. Shelled Avellinos, currently quoted at 89 cents per pound (f.o.b.) sold for 67 cents last year.

FILBERTS: Exports from selected countries,  
1969-73 marketing years 1/  
(In thousands of short tons)

Type and Country	1969	1970	1971	1972 <u>2/</u>	1973 <u>3/</u>
In-Shell:					
Italy .....	12.5	15.6	18.3	20.2	<u>4/</u>
Spain .....	<u>5/</u> 9.0	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>
Turkey .....	1.3	4.1	2.6	3.4	<u>4/</u>
Total .....	22.7	---	---	---	---
Shelled:					
Italy .....	6.4	20.4	23.1	16.2	<u>4/</u>
Spain .....	<u>5/</u> .3	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>
Turkey .....	89.6	74.2	78.8	100.5	<u>4/</u>
Total .....	88.0	---	---	---	---
In-Shell Equivalent:					
Italy .....	26.6	60.6	69.1	56.0	64.0
Spain .....	9.7	14.4	16.5	17.0	9.0
Turkey .....	180.6	152.5	160.1	204.0	220.0
Total .....	216.9	227.5	245.7	277.0	293.0

1/ Marketing year begins September 1

2/ Revised

3/ Forecast

4/ Separation into shelled and in-shell not available

5/ Based on Bureau of Census data

FILBERTS, IN-SHELL: Production in specified countries,  
annual 1969-73  
(In thousands of short tons)

Region and Country	1969	1970	1971	1972 <u>1/</u>	1973 <u>2/</u>
Foreign:					
Italy .....	50.0	95.0	105.0	83.0	97.0
Spain .....	9.0	29.0	22.0	21.0	18.0
Turkey .....	187.0	265.0	165.0	210.0	264.0
Total .....	246.0	389.0	292.0	314.0	379.0
United States .....	7.4	9.3	11.4	10.2	12.0
Total world .....	253.4	398.3	303.4	318.2	391.0

1/ Revised

2/ Preliminary

FILBERTS, SHELLLED KERASSUNDES: Prices, f.o.b. Turkish port  
first week each month 1969-73 marketing years 1/  
(In U.S. cents per pound)

First week of	1969-70	1970-71	1971-72 <u>2/</u>	1972-73	1973-74
September .....	61.0	59.9	58.2	54.4	61.2
October .....	61.5	63.7	63.1	---	61.2
November .....	68.9	64.8	56.1	57.2	61.2
December .....	68.3	62.3	56.1	57.2	60.3
January .....	72.1	57.2	58.5	58.1	---
February .....	70.8	57.2	59.0	58.1	---
March .....	69.1	56.6	58.5	57.2	---
April .....	67.5	56.1	57.1	59.0	---
May .....	66.4	57.2	59.0	57.6	---
June .....	67.0	60.4	---	58.5	---
July .....	61.0	---	54.4	59.4	---
August .....	61.5	58.2	54.4	56.3	---

1/ Starting in January 1972 prices are monthly averages, f.o.b., Turkish port.





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